Index to volume 50

Author index

A

Abbott, A. C., Goodhand, T. K., McCord, W. J., and MacDougall, J. T. Observations on the isolated ileal loop as a substitute in urinary tract operations, 467

Absolon, Karel B. The surgical school of Theodor Billroth, 697

Affifi, Rasheed. (*See* Welch et al.), 390

Agostino, Domenico. (*See* Cliffton and Agostino), 395

Alican, Fikri. (*See* Hardy and Alican), 107

Anylan, William G. (*See* Weaver et al.), 207

Applen, John E., Lerman, George S., and Walker, Paul E. Measurement of arterial flow in the lower extremities with radioisotopes, 315

Arhelger, Stuart W. (*See* Griffen et al.), 458

Ausman, Robert K. (*See* Humphrey et al.), 881

B

Baird, R. J. (*See* Mustard et al.), 301

Baptista, A. M. (*See* Clode et al.), 725

Barnard, C. N. (*See* Terblanche et al.), 869

Barry, Kevin G., Cohen, Arthur, and LeBlanc, Preston. Mannitolization. I. The prevention and therapy of oliguria associated with cross-clamping of the abdominal aorta, 335

Bascom, John U. Gelatin sealing to prevent blood loss from knitted arterial grafts, 504

Basto, E. Lima. (*See* Clode et al.), 725

Beal, John M. (*See* Moody et al.), 540

Beardsley, J. Murray. Technique in resection of esophageal diverticulum, 747

Bell, J. W. (*See* Strandness et al.), 488

Berman, Edward J. (*See* Lalonde and Berman), 962

Bernhard, William F., Schwarz, Hans F., Leand, Paul M., and Carr, James G. Studies in balanced hypothermic perfusion, 911

Bessman, Samuel P., Rudo, Frieda, and Cowley, R Adams. The relation of blood pH to the movement of ammonia into cerebral and peripheral tissues during hypothermia, 478

Bilisoly, Frank N. (*See* Devine et al.), 419

Blaisdell, F. William, and Gauder, Peter J. Paradoxical variation of the femoral pulse in occlusion of the iliac artery, 529

Blalock, John C. (*See* Menguy and Blalock), 877

Boley, Scott J., McKinnon, William M. P., and Marzulli, Vincent F. The management of familial gastrointestinal polyposis involving stomach and colon, 691

—, —, and Wright, Arthur R. Surgical fact or fancy. I. Fate of cholecystojejunostomy in the absence of common bile duct obstruction, 676

Bormes, William A., Gorman, William C., Kayser, Kenneth L., and Lepley, Derward, Jr. The identification of the conduction system of the heart by audiofrequency conductimetry, 50

Bradham, R. R. (*See* Lee et al.), 812

Brennan, Timothy A. (*See* McCarthy et al.), 740

Burke, John F. The effective period of preventive antibiotic action in experimental incisions and dermal lesions, 161

Butz, George W., Jr. (*See* Starzl et al.), 849

C

Calem, William S., and Freund, H. Robert. Subglottic carcinoma with extensive tracheal involvement, 894

Campanale, Ralph P., and Gardner, Bernard. "Fore and aft" split pancreaticojejunostomy for chronic pancreatitis, 618

Campanis, N. (*See* Chrysospathis et al.), 922

Carr, James G. (*See* Bernhard et al.), 911

Chang, K. H. Ronald, and Niguidula, Faustino N. Metastatic malignant schwannoma with bilateral pulmonary resection, 749

Cheung, Che-Sun. (*See* Rush et al), 359

Chiechi, Michele A. (*See* DeWall et al.), 931

Child, Charles G., III. (*See* Wolfman et al.), 231

July, pp. 1-300; August, pp. 301-436; September, pp. 437-578; October, pp. 579-724; November, pp. 725-862; December, pp. 863-1004.

CHRYSOSPATHIS, P., LOUIS, H., AND CAMPANIS, N. Reconstruction after total gastrectomy, 922

CHUNG, W., AND ŠIMA, V. Renal tubular necrosis: its relation to norepinephrine administration, 328

CLAGETT, O. THERON. (*See* Engel et al.), 593

—. (*See* Moersch and Clagett), 579

CLARKE, R. L. (*See* Cliffton et al.), 644

CLARKSON, BAYARD. (*See* Lawrence et al.), 248

CLASSEN, KENNETH L., WIEDERANDERS, R. F., AND HERRINGTON, J. LYNWOOD, JR. Clinical and experimental observations on heterotopic osseous formation in abdominal wall scars, 824

CLIFFTON, EUGENE E., AND AGOSTINO, DOMENICO. Cancer cells in the blood in simulated colon cancer, resectable and unresectable: effect of fibrinolysin and heparin on growth potential, 395

—, CLARKE, R. L., AND MURPHY, J. Studies on fibrinolytic activity with venous occlusion: treatment of thrombophlebitis, 644

—, GROSSI, CARLO E., AND ESAKOF, ERNEST R. Management of pulmonary complications of surgical operations (primarily atelectasis) with pancreatic dornase inhalations, 176

CLODE, W. H., SOBRAL, J. M. V., BASTO, E. LIMA, AND BAPTISTA, A. M. Elective uptake of radioiodine by cancer of the stomach, 725

COCKETT, ABRAHAM T. K. The kidney and regional hypothermia, 905

COHEN, ARTHUR. (*See* Barry et al.), 335

COIL, JAMES A. (*See* Davis and Coil), 169

COLE, DONALD R. (*See* Rousselot and Cole), 639

CONDIE, JOHN D., AND FERGUSON, DONALD J. Experimental wound infections: contamination versus surgical technique, 367

CONNAUGHTON, PETER J., HOLT, GORDON, AND LEWIS, F. JOHN. Prolonged hypothermia below 25° C. for periods over 20 hours: influence of therapy and technique on survival, 372

COOK, GALEN B., AND MARGULIS, ALEXANDER R. The silicone-foam diagnostic enema. I. An assessment with surgical specimens of human sigmoid colon, 513

— AND —. The silicone-foam diagnostic enema. II. An experimental evaluation in dogs, 519

COOPER, PHILIP. Duodenal closure after gastrectomy for duodenal ulcer, 425

COOPER, THEODORE, MORROW, ANDREW G., ROBERTS, WILLIAM C., AND HERMAN, LLOYD G. Postoperative endocarditis due to Candida: clinical observations and the experimental production of the lesion, 341

COWLEY, R ADAMS. (*See* Bessman et al.), 478

CUTHBERTSON, ALAN M. (*See* Humphries et al.), 947

CZAPLICKI, JEREMI. An attempt at development of agammaglobulinemia in adult rats by treatment with an extract of the fetal thymus, 817

D

DAGGETT, RONALD L. (*See* Gott et al.), 382

DAHL, ELMER V., EDWARDS, ERIC C., GRINDLAY, JOHN H., AND EDWARDS, JESSE E. Effect of removal of adventitia from arteries: an experimental study, 533

DAVENPORT, C. (*See* Lee et al.), 812

DAVIGLUS, GEORGE F. (*See* Rush et al.), 359

DAVIS, JOHN H., AND COIL, JAMES A. Studies of surgically induced pyelonephritis, 169

DE BAKEY, MICHAEL. (*See* Wesolowski et al.), 91

DE CASTRO SILVA, LUCIANO, SÃO THIAGO, JOÃO BAPTISTA, FERRARINI, ERMETTIS, AND GOFFI, FÁBIO SCHMIDT. The percutaneous transhepatic approach of the portal vein in man in the determination of patency of splenorenal shunts, 473

DE FOREST, MARGIE. (*See* Weatherley-White et al.), 784

DEGENSHEIN, GEORGE A., AND HURWITZ, ALFRED. An intimate view of the Letheon controversy, 716

DEL GUERCIO, LOUIS R. M. (*See* Sabga et al.), 547

DELUCA, FRANK G., AND SWENSON, ORVAR. The use of fascial grafts in experimental bladder wall defects: preliminary report on application in the repair of exstrophy of the bladder, 404

DENNIS, CLARENCE, AND KARLSON, KARL E. Cancer risk in ulcerative colitis: formidability per patient-year of late disease, 568

DERRICK, JOHN R. A technique of attaching a synthetic graft to the side of a severely arteriosclerotic aorta, 782

DETERLING, RALPH A., JR. Review of Meeting of Society of University Surgeons, 299

—. (*See* Nabseth and Deterling), 347

DEVINE, PATRICK C., BILISOLY, FRANK N., AND SMITH, E. IDE. Surgical treatment of bowel and bladder dysfunction in a case of spina bifida with meningomyelocele, 419

DEVLOO, ROBERT A. (*See* Kirklin et al.), 58

DEWALL, RICHARD A., GRAGE, THEODOR B., MCFEE, ARTHUR S., AND CHIECHI, MICHELE A. Theme and variations on blood oxygenators. I. Bubble oxygenators, 931

DRAPANAS, THEODORE, AND MCDONALD, JOHN. Peritoneal tap in abdominal trauma, 742
DUVAL, MERLIN K., JR., AND ENQUIST, IRVING F. The surgical treatment of chronic pancreatitis by pancreaticojejunostomy: an 8-year reappraisal, 965
DYSON, BURTON C. Periductal mastitis associated with reticulum-cell sarcoma in the breast, 634

E

EALES, L. (*See* Terblanche et al.), 869
EDWARDS, ERIC C. (*See* Dahl et al.), 533
EDWARDS, JESSE E. (*See* Dahl et al.), 533
EGERTON, WILLIAM S. (*See* Kay et al.), 67
EISEMAN, BEN. (*See* Silen and Eiseman), 213
ELLIOTT, DAN W., TAFT, DAVID A., PASSARO, EDWARD, JR., AND ZOLLINGER, ROBERT M. Pancreatic influences on gastric secretions, 126
ELLIS, F. HENRY, JR. (*See* Payne et al.), 731
EMERY, J. L., AND HILTON, H. B. Lung and heart complications of the treatment of hydrocephalus by ventriculoauriculostomy, 309
ENGEL, STEPHEN, CLAGETT, O. THERON, AND HARRISON, EDGAR G., JR. Chylous cysts of the abdomen, 593
ENQUIST, IRVING F. (*See* DuVal and Enquist), 965
—. (*See* Rosen and Enquist), 525
ERICSSON, N. O., RUDHE, ULF, AND LIVADITIS, ALEX. Hydronephrosis associated with aberrant renal vessels in infants and children, 687
ESAKOF, ERNEST R. (*See* Cliffton et al.), 176

F

FEDOR, E. J. (*See* Fisher et al.), 758
FEKETE, F. (*See* Lortat-Jacob et al.), 600
FELTS, JOHN H. (*See* Whitley et al.), 673
FERGUSON, DONALD J. (*See* Condie and Ferguson), 367
—. (*See* Humphrey et al.), 881
FERRARINI, ERMETTIS. (*See* De Castro Silva et al.), 473
FINBERG, LAURENCE (*See* Rush et al.), 359
FISHBEIN, RONALD. (*See* Rush et al.), 40
FISHER, BERNARD. (*See* Lee and Fisher), 668
—, FEDOR, E. J., AND SMITH, J. W. Temperature gradients associated with extracorporeal perfusion and profound hypothermia, 758
—, AND FISHER, EDWIN R. Experimental studies of factors which influence hepatic metastases. VIII. Effect of anticoagulants, 240
FISHER, EDWIN R. (*See* Fisher and Fisher), 240
FONKALSRUD, ERIC W. (*See* Lee et al.), 29
—, AND LONGMIRE, WILLIAM P., JR. The occurrence of pancreatic antibodies and the experimental production of pancreatitis with pancreatic antiserum, 134
FOSTER, J. H. (*See* Symbas et al.), 97
FRANCIS, G. J. (*See* Harrison et al.), 151
FRAWLEY, THOMAS F. (*See* Hernandez et al.), 143
FREUND, H. ROBERT. (*See* Calem and Freund), 894
FRICK, M. H., VIRKKULA, L., AND PAASONEN, M. K. 5-Hydroxytryptamine and antidiuresis after operation, 447
FRIES, CHARLES C. (*See* Wesolowski et al.), 91
FRIOU, GEORGE J. (*See* Gowen and Friou), 919

G

GAGNER, PHILIP L. (*See* McCarthy et al.), 740
GARDNER, BERNARD. (*See* Campanale and Gardner), 618
GAUDER, PETER J. (*See* Blaisdell and Gauder), 529
GILLESBY, WILLIAM J., AND PUESTOW, CHARLES B. Pancreaticojejunostomy for chronic relapsing pancreatitis: an evaluation, 859
GOFFI, FÁBIO SCHMIDT. (*See* De Castro Silva et al.), 473
GOOD, ROBERT A. (*See* Pierce et al.), 186
GOODHAND, T. K. (*See* Abbott et al.), 467
GORMAN, WILLIAM C. (*See* Bormes et al.), 50
GOTT, VINCENT L., KOEPKE, DONALD E., DAGGETT, RONALD L., ZARNSTORFF, WILLIAM, AND YOUNG, WILLIAM P. The coating of intravascular plastic prostheses with colloidal graphite, 382
GOWEN, GEORGE F., AND FRIOU, GEORGE J. The influence of hypothermia on experimental bacteremia in dogs, 919
GRAGE, THEODOR B. (*See* DeWall et al.), 931
—, LOBER, PAUL H., AND SHAHON, DONALD B. Benign tumors of the major salivary glands, 625
GRANT, RICHARD L. Antyllus, the elusive surgical genius of antiquity: an analysis of his writings, 572
GREENLAW, ROBERT H. (*See* Schwartz and Greenlaw), 833
GREGG, DONALD E. (*See* Hall et al.), 560
GRIFFEN, WARD O., JR., JENSON, CONRAD B., ARHELGER, STUART W., AND WANGENSTEEN, OWEN H. Treatment of malignant retroperitoneal sarcomas with use of the second-look approach, 458
—. (*See* Santoro et al.), 354
GRINDLAY, JOHN H. (*See* Dahl et al.), 533
GROSSI, CARLO E. (*See* Cliffton et al.), 176

H

HALL, ROBERT J., KHOURI, EDWARD M., AND GREGG, DONALD E. Coronary–internal mammary artery anastomosis in dogs, 560

HARDY, JAMES D., AND ALICAN, FIKRI. Ischemic gangrene without major organic vascular occlusion: an enlarging concept, 107

HARRISON, EDGAR G., JR. (*See* Engel et al.), 593

HARRISON, R. C., WILLIAMS, H. T. G., PISESKY, W., HUSAIN, S., SILBERMANN, O. H., FRANCIS, G. J., AND IRVINE, J. W. The relative importance of the vagus nerve, antrum, and acid-secreting mucosa in the prevention of experimental peptic ulceration, 151

HARTMAN, CHARLES F. (*See* Starzl et al.), 849

HAWK, WILLIAM A. (*See* Humphries et al.), 947

HAYS, DANIEL M., AND POWELL, TRACY, O. Vesicoileosigmoidostomy in the treatment of exstrophy of the bladder, 411

HEALEY, WILLIAM V. (*See* Wangensteen et al.), 651

HENRY, JAMES W. (*See* Nelson et al.), 115

HERMAN, LLOYD G. (*See* Cooper et al.), 341

HERINGMAN, E. CRAIG. (*See* Shore and Heringman), 612

HERNANDEZ, IVAN A., POWERS, SAMUEL R., JR., AND FRAWLEY, THOMAS F. The role of the parathyroid glands in calcium and magnesium metabolism in acute hemorrhagic pancreatitis, 143

HERRINGTON, J. LYNWOOD, JR. (*See* Classen et al.), 824

HILAL, SADEK. (*See* Longerbeam et al.), 274

HILTON, H. B. (*See* Emery and Hilton), 309

HINDBERG, JÖRGEN, NAKAMOTO, SATORU, AND KOLFF, WILLEM J. Anuria after operation for abdominal aortic aneurysm treated by hemodialysis with complete recovery, 755

HOLT, GORDON. (*See* Connaughton et al.), 372

HOLT, MARSH H. A simple cooling device for treatment of upper gastrointestinal bleeding, 728

HOVNANIAN, H. PHILIP. (*See* McCarthy et al.), 740

HUDSON, THOMAS L. (*See* Spencer and Hudson), 678

HUME, D. H. (*See* Zukoski et al.), 926

HUMPHREY, EDWARD W., HYMES, ALAN C., AUSMAN, ROBERT K., AND FERGUSON, DONALD J. An evaluation of actinomycin D and mitomycin C in patients with advanced cancer, 881

HUMPHRIES, ALFRED W., HAWK, WILLIAM A., AND CUTHBERTSON, ALAN M. Arterial prosthesis of collagen-impregnated Dacron tulle, 947

HURLEY, EDWARD J. (*See* Lower et al.), 842

HURWITZ, ALFRED. (*See* Degenshein and Hurwitz), 716

HUSAIN, S. (*See* Harrison et al.), 151

HYMES, ALAN C. (*See* Humphrey et al.), 881

I

INOKUCHI, KIYOSHI, KONISHI, TETSURO, YAGI, HIROSHI, NAKAMURA, TERUSHISA, SAKAGUCHI, MASAAKI, AND NAKAMURA, NOZOMU. Thrombogenic properties at the site of vascular anastomoses studied by a new technique for measuring platelet adherence, 493

IRVINE, J. W. (*See* Harrison et al.), 151

ISAACSON, L. C. (*See* Terblanche et al.), 869

J

JACKSON, BENJAMIN B. Venous occlusion of the terminal ileum: an experimental study, 322

JASCALEVICH, MARIO E. The 2-limb temporary gastrostomy tube, 736

JENSON, CONRAD B. (*See* Griffen et al.), 458

JORDAN, PAUL H., JR. Contribution of functional ablation of the pyloroantral mechanism to malabsorption in gastrectomized dogs, 820

K

KARLSON, KARL E. (*See* Dennis and Karlson), 568

—. (*See* Wesolowski et al.), 91

—, AND LERNER, BERNARD. Coagulation studies on bleeding surgical patients, 798

KAY, JEROME HAROLD, EGERTON, WILLIAM S., AND ZUBIATE, PABLO. The surgical treatment of mitral insufficiency and combined mitral stenosis and insufficiency with use of the heart-lung machine, 67

KAYSER, KENNETH L. (*See* Bormes et al.), 50

KESTENS, PAUL J., AND MCDERMOTT, WILLIAM V., JR. Perfusion and replacement of the canine liver, 196

KHOURI, EDWARD M. (*See* Hall et al.), 560

KIRCHNER, JOHN A. Surgical treatment of nasal hemorrhage, 899

KIRKLIN, JOHN W., DEVLOO, ROBERT A., AND WEIDMAN, WILLIAM H. Open intracardiac repair for transposition of the great vessels: 11 cases, 58

KLEINSASSER, LEROY J. The removal of a wire lodged in the interventricular septum of the heart, 500

KNUDSON, LYNN. (*See* Krementz and Knudson), 266

KOEPKE, DONALD E. (*See* Gott et al.), 382

KOLFF, WILLEM J. (*See* Hindberg et al.), 755

KONISHI, TETSURO. (*See* Inokuchi et al.), 493
KOWALCZYK, R. (*See* Wolfman et al.), 231
KREMENTZ, EDWARD T., AND KNUDSON, LYNN. The effect of increased oxygen tension on the tumoricidal effect of nitrogen mustard, 266
KRUMHAAR, DIETER. (*See* Lee et al.), 29
KUEHN, PAUL. (*See* Lawrence et al.), 248

L

LALONDE, ALBAN H., AND BERMAN, EDWARD J. Exsanguinating gastric hemorrhage in the newborn infant and observations on the "ulcer problem" in children, 962
LAWRENCE, WALTER, JR., KUEHN, PAUL, MORI, SHYUNIGHI, POPPELL, J. W., AND CLARKSON, BAYARD. Regional perfusion of the pelvis: consideration of the "leakage" problem, 248
LEAND, PAUL M. (*See* Bernhard et al.), 911
LEBLANC, PRESTON. (*See* Barry et al.), 335
LEE, H. M. (*See* Zukoski et al.), 926
LEE, S. H., AND FISHER, BERNARD. Portacaval shunt in the rat, 668
LEE, W. H., JR., BRADHAM, R. R., THREAT, B., AND DAVENPORT, C. Evaluation of the dissolution effect of fibrinolysin (plasmin) on induced vascular microthrombi, 812
—, KRUMHAAR, DIETER, FONKALSRUD, ERIC W., SCHJEIDE, OLE A., AND MALONEY, JAMES V., JR. Denaturation of plasma proteins as a cause of morbidity and death after intracardiac operations, 29
LEPLEY, DERWARD, JR. (*See* Bormes et al.), 50
LERMAN, GEORGE S. (*See* Applen et al.), 315
LERNER, BERNARD. (*See* Karlson and Lerner), 798
LEWIS, F. JOHN. (*See* Connaughton et al.), 372
LILLEHEI, C. WALTON. (*See* Long et al.), 12
LILLEHEI, RICHARD C. (*See* Longerbeam et al.), 274
LIPTON, SIDNEY. Use of the Cheatle-Henry approach in the treatment of cryptorchidism, 846
LIVADITIS, ALEX. (*See* Ericsson et al.), 687
LOBER, PAUL H. (*See* Grage et al.), 625
LONG, DAVID M., JR., SANCHEZ, LUIS, VARCO, RICHARD L., AND LILLEHEI, C. WALTON. The use of low molecular weight dextran and serum albumin as plasma expanders in extracorporeal circulation, 12
LONGERBEAM, JERROLD K., LILLEHEI, RICHARD C., YUNIS, EDMUND, AND HILAL, SADEK. Techniques of obtaining and preparing suspensions of spleen and bone marrow for the treatment of supralethally irradiated dogs, 274
LONGMIRE, WILLIAM P., JR. (*See* Fonkalsrud and Longmire), 134
—. (*See* Rochlin and Longmire), 586
LORTAT-JACOB, J. L., MAILLARD, J. N., AND FEKETE, F. A procedure to prevent reflux after esophagogastric resection: experience with 17 patients, 600
LOUIS, H. (*See* Chrysospathis et al.), 922
LOWER, RICHARD R., STOFER, RAYMOND C., HURLEY, EDWARD J., AND SHUMWAY, NORMAN E. Complete homograft replacement of the heart and both lungs, 842
LUKE, WALLACE K. (*See* Orahood et al.), 656
—. (*See* Wangensteen et al.), 651
LYMAN, JAMES H. (*See* Nelson et al.), 115

M

MACDOUGALL, J. T. (*See* Abbott et al.), 467
MAHALEY, STEPHEN. (*See* Shingleton et al.), 260
MAILLARD, J. N. (*See* Lortat-Jacob et al.), 600
MALONEY, JAMES V., JR. (*See* Lee et al.), 29
—. (*See* Schmutzer et al.), 452
MARGULIS, ALEXANDER R. (*See* Cook and Margulis), 513, 519
MARZULLI, VINCENT F. (*See* Boley et al.), 691
MCCARTHY, H. FRANK, HOVNANIAN, H. PHILIP, BRENNAN, TIMOTHY A., AND GAGNER, PHILIP L. Magnetic intubation, 740
MCCORD, W. J. (*See* Abbott et al.), 467
MCDERMOTT, WILLIAM V., JR. (*See* Kestens and McDermott), 196
MCDONALD, JOHN (*See* Drapanas and McDonald), 742
MCFEE, ARTHUR S. (*See* DeWall et al.), 931
MCKINNON, WILLIAM M. P. (*See* Boley et al.), 676, 691
MCPEAK, CHARLES J. Resection of inferior vena cava and graft replacement (aortic homograft) for retroperitoneal sarcoma, 778
MCSHERRY, CHARLES K. (*See* Moody et al.), 540
MENGUY, RENÉ, AND BLALOCK, JOHN C. Retrograde transductal internal drainage of pancreatic pseudocyst, 877
—, AND MINGS, HAROLD. Role of pancreatic and biliary juices in regulation of gastric secretion: pathogenesis of the Mann-Williamson ulcer, 662
MENNO, ALBERT D., AND SCHENK, WORTHINGTON G., JR. Dynamics of coronary arterial flow: flow alterations resulting from certain surgical procedures and drugs of surgical importance, 82
MESCHAN, I. (See Whitley et al.), 673
MINGS, HAROLD. (*See* Menguy and Mings), 662
MOERSCH, RICHARD N., AND CLAGETT, O. THERON. Pulmonary resection for metastatic tumors of the lungs, 579
MOODY, FRANK G., MCSHERRY, CHARLES K., AND BEAL, JOHN M. Mucosal replacement of gastric explants by free autogenous grafts, 540

MOORE, THOMAS C. Carcinosarcoma of the lung, 886
MORI, SHYUNIGHI. (*See* Lawrence et al.), 248
MORROW, ANDREW G. (*See* Cooper et al.), 341
MURPHY, J. (*See* Cliffton et al.), 644
MUSTARD, W. T., BAIRD, R. J., AND TRUSLER, G. A. The use of hypothermia in the closure of atrial septal defects in children, 301

N

NABSETH, DONALD C., AND DETERLING, RALPH A., JR. Surgical management of mycotic aneurysms, 347
NAKAMOTO, SATORU. (*See* Hindberg et al.), 755
NAKAMURA, NOZOMU. (*See* Inokuchi et al.), 493
NAKAMURA, TERUHISA. (*See* Inokuchi et al.) 493
NELSON, RUSSELL M., HENRY, JAMES W., AND LYMAN, JAMES H. Influence of l-norepinephrine on renal blood flow, renal vascular resistance, and urine flow in hemorrhagic shock, 115
NEVILLE, WILLIAM E. (*See* Sabga et al.), 547
NIGUIDULA, FAUSTINO N. (*See* Chang and Niguidula), 749
NYLANDER, G., AND OLERUD, S. The vascular pattern of intestinal villi in rats after partial gastrectomy, 955

O

OECONOMOPOULOS, CHRIS T. Iliac osteoclast: a new instrument which facilitates operation for exstrophy of the bladder, 960
OLERUD, S. (*See* Nylander and Olerud), 955
OLSEN, ARTHUR M. (*See* Payne et al.), 731
ONEAL, R. M. (*See* Wolfman et al.), 231
ORAHOOD, RICHARD C. (*See* Wangensteen et al.), 651
—, WANGENSTEEN, STEPHEN L., AND LUKE, WALLACE K. Physiologic effects of gastric hypothermia. II. The effect on renal blood flow, renal plasma flow, and glomerular filtration rate in the normal anesthetized dog, 656
ORLOFF, MARSHALL J., AND SNYDER, GILBERT B. Experimental ascites. I. Production of ascites by gradual occlusion of the hepatic veins with an internal vena caval cannula, 789
— AND —. Experimental ascites. II. The effects of portacaval shunts on ascites produced with an internal vena cava cannula, 220

P

PAASONEN, M. K. (*See* Frick et al.), 447
PACE, WILLIAM G. A venous cannula for use in experimental animals, 402
PALUMBO, LOUIS T., AND SHARPE, WENDELL S. Acute perforated peptic ulcer: evaluation of 160 consecutive patients treated by closure, 863
PARKER, ROY T. (*See* Shingleton et al.), 260
PARRISH, D. G. (*See* Strandness et al.), 488
PASSARO, EDWARD, JR. (*See* Elliott et al.), 126
PAYNE, W. SPENCER, ELLIS, F. HENRY, JR., AND OLSEN, ARTHUR M. Treatment of cardiospasm (achalasia of the esophagus) in children, 731
PERSIDSKY, MAXIM. (*See* Richards and Persidsky), 288
PIERCE, J. C., VARCO, R. L., AND GOOD, ROBERT A. Prolonged survival of a renal homograft in a dog treated with 6-mercaptopurine, 186
PISESKY, W. (*See* Harrison et al.), 151
POPPELL, J. W. (*See* Lawrence et al.), 248
POSTLETHWAIT, R. W. (*See* Weaver et al.), 207
POWELL, TRACY O. (*See* Hays and Powell), 411
POWERS, SAMUEL R., JR. (*See* Hernandez et al.), 143
PUESTOW, CHARLES B. (*See* Gillesby and Puestow), 859

R

RASCHKE, EKKEHART. (*See* Schmutzer et al.), 452
RAVITCH, MARK M. (*See* Rush et al.), 40
RICHARDS, VICTOR, AND PERSIDSKY, MAXIM. Studies in the preservation of bone marrow, 288
ROBERTS, WILLIAM C. (*See* Cooper et al.), 341
ROCHLIN, DONALD B., AND LONGMIRE, WILLIAM P., JR. Primary tumors of the small intestine, 586
ROSANO, CARMEN L. (*See* Welch et al.), 390
ROSEN, RICHARD G., AND ENQUIST, IRVING F. The healing wound in experimental diabetes, 525
ROTH, LOREN. (*See* Weidner et al.), 75
ROUSSELOT, LOUIS M., AND COLE, DONALD R. Intravisceral (topical) use of chemotherapeutic (radiomimetic) agents, 639
RUDMAN, SANFORD. (*See* Spratt et al.), 941
RUDO, FRIEDA. (*See* Bessman et al.), 478
RUHDE, ULF. (*See* Ericsson et al.), 687
RUSH, BENJAMIN F., JR., FINBERG, LAURENCE, DAVIGLUS, GEORGE F., AND CHEUNG, CHE-SUN. Pathologic lesions in experimental hypernatremia induced by extracorporeal dialysis, 359
—, WILDER, ROBERT J., FISHBEIN, RONALD, AND RAVITCH, MARK M. Effects of total circulatory standstill in profound hypothermia, 40

S

SABGA, GABRIEL A., NEVILLE, WILLIAM E., AND DEL GUERCIO, LOUIS R. M. Anomalies of the lungs associated with congenital diaphragmatic hernia, 547
SAKAGUCHI, NASAAKI. (*See* Inokuchi et al.), 493
SAKATA, MITSUAKI. (*See* Sunada et al.), 437
SANCHEZ, LUIS. (*See* Long et al.), 12
SANTORO, BENJAMIN T., GRIFFEN, WARD O., JR., AND WANGENSTEEN, OWEN H. The second-look procedure in the management of ovarian malignancies and pseudomyxoma peritonei, 354
SÃO THIAGO, JOÃO BAPTISTA. (*See* De Castro Silva et al.), 473
SATO, KUNSO. (*See* Sunada et al.), 437
SATO, TORU. (*See* Sunada et al.), 437
SAWYER, PHILIP N. (*See* Wesolowski et al.), 91
SCHECHTER, DAVID CHAS., AND SWAN, HENRY. Andreas Vesalius, surgeon, 970
— AND —. Historical views of the ideal surgeon, 427
SCHEEL, KONRAD W. Artificial respirator for dogs, 544
SCHENK, WORTHINGTON G., JR. (*See* Menno and Shenk), 82
SCHJEIDE, OLE A. (*See* Lee et al.), 29
SCHMUTZER, KARL J., RASCHKE, EKKEHART, AND MALONEY, JAMES V., JR. Intravenous l-norepinephrine as a cause of reduced plasma volume, 452
SCHOBINGER, ROBERT A. Percutaneous iliofemoral arteriography, 765
SCHWARTZ, SEYMOUR I., AND GREENLAW, ROBERT H. Evaluation of portal circulation by percutaneous splenic isotope injection, 833
SCHWARZ, HANS F. (*See* Bernhard et al.), 911
SCOTT, H. WILLIAM, JR. Basic surgical education, 1
—. (*See* Symbas et al.), 97
SHAHON, DONALD B. (*See* Grage et al.), 625
SHARPE, WENDELL S. (*See* Palumbo and Sharpe), 863
SHINGLETON, WILLIAM W., PARKER, ROY T., AND MAHALEY, STEPHEN. Abdominal perfusion for cancer chemotherapy with hypothermia and hyperthermia, 260
SHORE, J. MANNY, AND HERINGMAN, E. CRAIG. Successful inferior vena cava–superior mesenteric vein shunt in an unusual case of portal hypertension, 612
SHUMACKER, HARRIS B., JR. A new operation for transposition of the great vessels, 773
SHUMWAY, NORMAN E. (See Lower et al.), 842
SILBERMANN, O. H. (See Harrison et al.), 151
SILEN, WILLIAM, AND EISEMAN, BEN. Evidence for histamine as the agent responsible for gastric hypersecretion after portacaval shunt, 213
ŠIMA, V. (*See* Chung and Šima), 328
SIMEONE, F. A. (*See* Weidner et al.), 75
SLACK, W. W. Paper electrophoresis of extracts from normal and malignant human breast tissue, 464
SMITH, E. IDE. (*See* Devine et al.), 419
SMITH, J. W. (*See* Fisher et al.), 758
SNYDER, GILBERT B. (*See* Orloff and Snyder), 220, 789
SOBRAL, J. M. V. (*See* Clode et al.), 725
SOPER, R. T. Management of recurrent or metastatic Wilms' tumor, 555
SPENCER, ANDREW. (*See* Spratt et al.), 941
SPENCER, ROWENA, AND HUDSON, THOMAS L. Idiopathic muscular hypertrophy of the gastrointestinal tract in a child, 678
SPRATT, JOHN S., JR., TER-POGOSSIAN, MICHEL, RUDMAN, SANFORD, AND SPENCER, ANDREW. The measurement of the pulmonary venous cross-circulation through the conjugated heart of thoracopagous twins with radioactive O^{15}, 941
STARK, RICHARD B. (*See* Weatherley-White et al.), 784
STARZL, THOMAS E., BUTZ, GEORGE W., JR., AND HARTMAN, CHARLES F. The blind-loop syndrome after gastric operations, 849
STOFER, RAYMOND C. (*See* Lower et al.), 842
STRANDNESS, D. E., JR., PARRISH, D. G., AND BELL, J. W. Mechanism of declamping shock in operations on the abdominal aorta, 488
SUGIHARA, HIROSHI. (*See* Sunada et al.), 437
SUNADA, TERUTAKE, SUGIHARA, HIROSHI, SATO, KUNSO, SAKATA, MITSUAKI, AND SATO, TORU. Hemorrhagic tendency after massive transfusion of preserved blood, 437
SWAN, HENRY. (*See* Schechter and Swan), 427, 970
SWENSON, ORVAR. (*See* DeLuca and Swenson), 404
SYMBAS, P. N., FOSTER, J. H., AND SCOTT, H. W., JR. Experimental vein grafting in the portal venous system, 97

T

TAFT, DAVID A. (*See* Elliott et al.), 126
TERBLANCHE, J., ISAACSON, L. C., EALES, L., AND BARNARD, C. N. Renal function during and immediately after profound hypothermia, 869
TER-POGOSSIAN, MICHEL. (*See* Spratt et al.), 941
THREAT, B. (*See* Lee et al.), 812
TRUSLER, G. A. (*See* Mustard et al.), 301
TURCOTTE, J. (*See* Wolfman et al.), 231

V

VARCO, RICHARD L. (*See* Long et al.), 12
—. (*See* Pierce et al.), 186
VIRKKULA, L. (*See* Frick et al.), 447

W

WALKER, PAUL E. (*See* Applen et al.), 315
WANGENSTEEN, OWEN H. (*See* Griffen et al.), 458
—. (*See* Santoro et al.), 354
WANGENSTEEN, STEPHEN L. (*See* Orahood et al.), 656
—, ORAHOOD, RICHARD C., LUKE, WALLACE K., AND HEALEY, WILLIAM V. Physiologic effects of gastric hypothermia. I. The effect on estimated hepatic blood flow in the normal anesthetized dog, 651
WEATHERLEY-WHITE, R. C. A., STARK, RICHARD B., AND DE FOREST, MARGIE. Physiologic evidence of lymphatic repair after skin homotransplantation, 784
WEAVER, WILLIAM T., ANLYAN, WILLIAM G., AND POSTLETHWAIT, R. W. Blood coagulation factors in liver disease, 207
WEIDMAN, WILLIAM H. (*See* Kirklin et al.), 58
WEIDNERK, M. G., JR., ROTH, LOREN, AND SIMEONE, F. A. Myocardial response to prolonged acute oligemic hypotension, 75
WELCH, HAROLD F., AFFIFI, RASHEED, AND ROSANO, CARMEN L. Effect of hypothermia on blood ammonia formation, 390
WESOLOWSKI, SIGMUND A., FRIES, CHARLES C., KARLSON, KARL E., DE BAKEY, MICHAEL, AND SAWYER, PHILIP N. Porosity: primary determinant of ultimate fate of synthetic vascular grafts, 91
WHITLEY, JOSEPH E., WITCOFSKI, RICHARD L., FELTS, JOHN H., AND MESCHAN, I. The investigation of renal complications of aortic clamping, 673
WIEDERANDERS, R. F. (*See* Classen et al.), 824
WILDER, ROBERT J. (*See* Rush et al.), 40
WILLIAMS, H. T. G. (*See* Harrison et al.), 151
WITCOFSKI, RICHARD L. (*See* Whitley et al.), 673
WOLFMAN, EARL F., JR., ZUIDEMA, G. D., ONEAL, R. M., TURCOTTE, J., KOWALCZYK, R., AND CHILD, CHARLES G., III. Sodium excretion after intrasplenic and systemic injections of sodium chloride in normal dogs and after portacaval shunt, 231
WRIGHT, ARTHUR R. (*See* Boley et al.), 676

Y

YAGI, HIROSHI. (*See* Inokuchi et al.), 493
YOUNG, WILLIAM P. (*See* Gott et al.), 382
YUNIS, EDMUND. (*See* Longerbeam et al.), 274

Z

ZARNSTORFF, WILLIAM. (*See* Gott et al.), 382
ZOLLINGER, ROBERT M. (*See* Elliott et al.), 126
ZUBIATE, PABLO. (*See* Kay et al.), 67
ZUIDEMA, G. D. (*See* Wolfman et al.), 231
ZUKOSKI, C. F., LEE, H. M., AND HUME, D. H. Prolonged functional survival of a secondary renal homotransplant in the dog, 926

A

Abdomen, chylous cysts of (Engel et al.), 593
Abdominal aorta, cross-clamping, oliguria associated with, prevention and therapy (Barry et al.), 335
operation on, mechanism of declamping shock in (Strandness et al.), 488
aortic aneurysm, operation for, anuria after, treated by hemodialysis with complete recovery (Hindberg et al.), 755
perfusion for cancer chemotherapy with hypothermia and hyperthermia (Shingleton et al.), 260
trauma, peritoneal tap in (Drapanas and McDonald), 742
wall scars, heterotopic osseous formation in, clinical and experimental observations on (Classen et al.), 824
Achalasia of esophagus (cardiospasm) in children, treatment (Payne et al.), 731
Acid-secreting mucosa, vagus nerve, and antrum, relative importance in prevention of experimental peptic ulceration (Harrison et al.), 151
Actinomycin D and mitomycin C in patients with advanced cancer, evaluation (Humphrey et al.), 881
Adventitia, effect of removal from arteries (Dahl et al.), 533
Agammaglobulinemia, attempt at development in adult rats by treatment with extract of fetal thymus (Czaplicki), 817
Albumin, serum, and low molecular weight dextran, use as plasma expanders in extracorporeal circulation (Long et al.), 12
Ammonia formation, blood, effect of hypothermia on (Welch et al.), 390
movement into cerebral and peripheral tissues during hypothermia, relation of blood pH to (Bessman et al.), 478
Anastomoses, vascular, thrombogenic properties at site of, studies by new technique for measuring platelet adherence (Inokuchi et al.), 493
Anastomosis, coronary–internal mammary artery, in dogs (Hall et al.), 560
Anesthesia, discovery of (Degenshein and Hurwitz), 716
Aneurysm, aortic, abdominal, operation for, anuria after, treated by hemodialysis with complete recovery (Hindberg et al.), 755
Aneurysms, mycotic, surgical management (Nabseth and Deterling), 347
Antibiotic action, preventive, effective period of, in experimental incisions and dermal lesions (Burke), 161
Antibodies, pancreatic, occurrence, and experimental production of pancreatitis with pancreatic antiserum (Fonkalsrud and Longmire), 134
Anticoagulants, effect on hepatic metastases (Fisher and Fisher), 240
Antidiuresis, 5-hydroxytryptamine and, after operation (Frick et al.), 447
Antiserum, pancreatic, experimental production of pancreatitis with, and occurrence of pancreatic antibodies (Fonkalsrud and Longmire), 134
Antrum, vagus nerve, and acid-secreting mucosa, relative importance in prevention of experimental peptic ulceration (Harrison et al.), 151
Antyllus, elusive surgical genius of antiquity: analysis of his writings (Grant), 572
Anuria after operation for abdominal aortic aneurysm treated by hemodialysis with complete recovery (Hindberg et al.), 755
Aorta, abdominal, cross-clamping, oliguria associated with, prevention and therapy (Barry et al.), 335
operations on, mechanism of declamping shock in (Strandness et al.), 488
severely arteriosclerotic, technique of attaching synthetic graft to side of (Derrick), 782
Aortic aneurysm, abdominal, operation for, anuria after, treated by hemodialysis with complete recovery (Hindberg et al.), 755
clamping, renal complications of, investigations of (Whitley et al.), 673
homograft replacement, resection of inferior vena cava and, for retroperitoneal sarcoma (McPeak), 778
Arterial flow, coronary, dynamics: flow alterations resulting from certain surgical procedures and drugs of surgical importance (Menno and Schenk), 82
in lower extremities, measurement with radioisotopes (Applen et al.), 315
grafts, knitted, blood loss from, gelatin sealing to prevent (Bascom), 504
prosthesis of collagen impregnated Dacron tulle (Humphries et al.), 947

July, pp. 1-300; August, pp. 301-436; September, pp. 437-578; October, pp. 579-724; November, pp. 725-862; December, pp. 863-1004.

Arteries, effect of removal of adventitia from (Dahl et al.), 533
Arteriography, iliofemoral, percutaneous (Schobinger), 765
Arteriosclerotic aorta, technique of attaching synthetic graft to side of (Derrick), 782
Artificial respirator for dogs (Scheel), 544
Ascites, experimental. II. Effects of portacaval shunts on ascites produced with internal vena caval cannula (Orloff and Snyder), 220
production by gradual occlusion of hepatic veins with internal vena caval catheter (Orloff and Snyder), 789
Atelectasis, management with pancreatic dornase inhalations (Cliffton et al.), 176
Atrial septal defects in children, use of hypothermia in closure (Mustard et al.), 301
Audiofrequency conductimetry, identification of conduction system of heart by (Bormes et al.), 50
Autogenous grafts, free, mucosal replacement of gastric explants by (Moody at al.), 540

B

Bacteremia, experimental, in dogs, influence of hypothermia on (Gowen and Friou), 919
Biliary and pancreatic juices, role in regulation of gastric secretion: pathogenesis of Mann-Williamson ulcer (Menguy and Mings), 662
Billroth, Theodor, surgical school of (Absolon), 697
Bladder and bowel dysfunction in case of spina bifida with meningomyelocele, surgical treatment (Devine et al.), 419
exstrophy, iliac osteoclast which facilitates operation for (Oeconomopoulos), 960
repair, preliminary report on use of fascial grafts in (DeLuca and Swenson), 404
treatment, vesicoileosigmoidostomy in (Hays and Powell), 411
wall defects, experimental, use of fascial grafts in: preliminary report on application in repair of exstrophy of bladder (DeLuca and Swenson), 404
Bleeding surgical patients, coagulation studies on (Karlson and Lerner), 798
upper gastrointestinal, simple cooling device for treatment (Holt), 728
Blind-loop syndrome after gastric operations (Starzl et al.), 849
Blood ammonia formation, effect of hypothermia on (Welch et al.), 390
coagulation factors in liver disease (Weaver et al.), 207
flow, hepatic, estimated, in normal anesthetized dog, effect of gastric hypothermia on (Wangensteen et al.), 651
Blood flow—Cont'd
renal, effect of gastric hypothermia on, in normal anesthetized dog (Orahood et al.), 656
influence of l-norepinephrine on, in hemorrhagic shock (Nelson et al.), 115
loss from knitted arterial grafts, gelatin sealing to prevent (Bascom), 504
oxygenators, theme and variations on. I. Bubble oxygenators (DeWall et al.), 931
pH, relation to movement of ammonia into cerebral and peripheral tissues during hypothermia (Bessman et al.), 478
preserved, massive transfusion of, hemorrhagic tendency after (Sunada et al.), 437
Bone marrow, preservation, studies in (Richards and Persidsky), 288
and spleen, suspensions of, techniques of obtaining and preparing, for treatment of supralethally irradiated dogs (Longerbeam et al.), 274
Bowel and bladder dysfunction in case of spina bifida with meningomyelocele, surgical treatment (Devine et al.), 419
Breast, reticulum-cell sarcoma in, periductal mastitis associated with (Dyson), 634
tissue, human, normal and malignant, paper electrophoresis of extracts from (Slack), 464

C

Calcium and magnesium metabolism in acute hemorrhagic pancreatitis, role of parathyroid glands in (Hernandez et al.), 143
Cancer, advanced, patients with, evaluation of actinomycin D and mitomycin C in (Humphrey et al.), 881
cells in blood in simulated colon cancer, resectable and unresectable: effect of fibrinolysin and heparin on growth potential (Cliffton and Agostino), 395
chemotherapy, abdominal perfusion for, with hypothermia and hyperthermia (Shingleton et al.), 260
colon, simulated, resectable and unresectable, cancer cells in blood in: effect of fibrinolysin and heparin on growth potential (Cliffton and Agostino), 395
risk in ulcerative colitis: formidability per patient-year of late disease (Dennis and Karlson), 568
of stomach, elective uptake of radioiodine by (Clode et al.), 725
Candida, postoperative endocarditis due to (Cooper et al.), 341
Canine liver, perfusion and replacement (Kestens and McDermott), 196
Cannula, venous, for use in experimental animals (Pace), 402

Carcinoma, subglottic, with extensive tracheal involvement (Calem and Freund), 894
Carcinosarcoma of lung (Moore), 886
Cardiopulmonary bypass, treatment of mitral insufficiency and combined mitral stenosis and insufficiency with use of (Kay et al.), 67
Cardiospasm (achalasia of esophagus) in children, treatment (Payne et al.), 731
Cells, cancer, in blood in simulated colon cancer, resectable and unresectable: effect of fibrinolysin and heparin on growth potential (Cliffton and Agostino), 395
Cerebral and peripheral tissues, movement of ammonia into during hypothermia, relation of blood pH to (Bessman et al.), 478
Cheatle-Henry approach, use in treatment of cryptorchidism (Lipton), 846
Chemotherapeutic (radiomimetic) agents, intravisceral (topical) use of (Rousselot and Cole), 639
Chemotherapy, cancer, abdominal perfusion for, with hypothermia and hyperthermia (Lawrence et al.), 260
Cholecystojejunostomy, fate of, in absence of common bile duct obstruction (Boley et al.), 676
Chylous cysts of abdomen (Engel et al.), 593
Circulation, extracorporeal, plasma expanders in, use of low molecular weight dextran and serum albumin as (Long et al.), 12
portal, evaluation by percutaneous splenic isotope injection (Schwartz and Greenlaw), 833
Circulatory standstill, total, effects in profound hypothermia (Rush et al.), 40
Clamping, aortic, renal complications, investigation of (Whitley et al.), 673
Coagulation factors, blood, in liver disease (Weaver et al.), 207
studies on bleeding surgical patients (Karlson and Lerner), 798
Coating of intravascular plastic prostheses with colloidal graphite (Gott et al.), 382
Colitis, ulcerative, cancer risk in: formidability per patient-year of late disease (Dennis and Karlson), 568
Collagen-impregnated Dacron tulle, arterial prosthesis of (Humphries et al.), 947
Colon cancer, simulated, resectable and unresectable, cancer cells in blood in, effect of fibrinolysin and heparin on growth potential (Cliffton and Agostino), 395
and stomach, familial gastrointestinal polyposis involving, management (Boley et al.), 691
Cooling device, simple, for treatment of upper gastrointestinal bleeding (Holt), 728
Conductimetry, audiofrequency, identification of conduction system of heart by (Bormes et al.), 50
Conduction system of heart, identification by audiofrequency conductimetry (Bormes et al.), 50
Congenital diaphragmatic hernia, anomalies of lungs associated with (Sabga et al.), 547
Coronary arterial flow, dynamics: flow alterations resulting from certain surgical procedures and drugs of surgical importance (Menno and Schenk), 82
–internal mammary artery anastomosis in dogs (Hall et al.), 560
Cross-circulation, venous, pulmonary, measurement through conjugated heart of thoracopagous twins with radioactive O^{15} (Spratt et al.), 941
Cryptorchidism, use of Cheatle-Henry approach in treatment (Lipton), 846
Cysts, chylous, of abdomen (Engel et al.), 593

D

Dacron tulle, collagen impregnated, arterial prosthesis of (Humphries et al.), 947
Declamping shock, mechanism, in operations on abdominal aorta (Strandness et al.), 488
Denaturation of plasma proteins as cause of morbidity and death after intracardiac operations (Lee et al.), 29
Dermal lesions and incisions, experimental, effective period of preventive antibiotic action in (Burke), 161
Dextran, low molecular weight, and serum albumin, use as plasma expanders in extracorporeal circulation (Long et al.), 12
Diabetes, experimental, healing wound in (Rosen and Enquist), 525
Diagnostic enema, silicone-foam. I. Assessment with surgical specimens of human sigmoid colon (Cook and Margulis), 513
II. Experimental evaluation in dogs, (Cook and Margulis), 519
Dialysis, extracorporeal, experimental hypernatremia induced by, pathologic lesions in (Rush et al.), 359
Diaphragmatic hernia, congenital, anomalies of lungs associated with (Sabga et al.), 547
Dissolution effect of fibrinolysin (plasmin) on induced vascular microthrombi (Lee et al.), 812
Diverticulum, esophageal, technique in resection (McDonald), 747
Dornase, pancreatic, inhalations, management of pulmonary complications of surgical operations (primarily atelectasis) with (Cliffton et al.), 176
Drainage, internal, retrograde transductal, of pancreatic pseudocyst (Menguy and Blalock), 877

Drugs of surgical importance and certain surgical procedures, alterations in coronary arterial flow resulting from (Menno and Schenk), 82
Duodenal closure after gastrectomy for duodenal ulcer (Cooper), 425
ulcer, gastrectomy for, duodenal closure after (Cooper), 425
Dynamics of coronary arterial flow: flow alterations resulting from certain surgical procedures and drugs of surgical importance (Menno and Schenk), 82

E

Education, surgical, basic (Scott), 1
Electrophoresis, paper, of extracts from normal and malignant human breast tissue (Slack), 464
Endocarditis, postoperative, due to Candida (Cooper et al.), 341
Enema, diagnostic, silicone-foam. I. Assessment with surgical specimens of human sigmoid colon (Cook and Margulis), 513
II. Experimental evaluation in dogs (Cook and Margulis), 519
Esophageal diverticulum, technique in resection (Beardsley), 747
Esophagogastric resection, procedure to prevent reflux after (Lortat-Jacob et al.), 600
Esophagus, achalasia of (cardiospasm) in children, treatment (Payne et al.), 731
Excretion, sodium, after intrasplenic and systemic injections of sodium chloride in normal dogs and after portacaval shunt (Wolfman et al.), 231
Expanders, plasma, in extracorporeal circulation, use of low molecular weight dextran and serum albumin as (Long et al.), 12
Explants, gastric, mucosal replacement by free autogenous grafts (Moody et al.), 540
Exstrophy of bladder, iliac osteoclast which facilitates operation for (Oeconomopoulos), 960
repair, preliminary report of use of fascial grafts in (DeLuca and Swenson), 404
treatment, vesicoileosigmoidostomy in (Hays and Powell), 411
Extracorporeal circulation, plasma expanders in, use of low molecular weight dextran and serum albumin as (Long et al.), 12
dialysis, experimental hypernatremia induced by, pathologic lesions in (Rush et al.), 359
perfusion and profound hypothermia, temperature gradients associated with (Fisher et al.), 758
Extremities, lower, arterial flow in, measurement with radioisotopes (Applen et al.), 315

F

Familial gastrointestinal polyposis involving stomach and colon, management of (Boley et al.), 691
Fascial grafts, use in experimental bladder wall defects: preliminary report on application in repair of exstrophy of bladder (DeLuca and Swenson), 404
Femoral pulse, paradoxical variation in occlusion of iliac artery (Blaisdell and Gauder), 529
Fetal thymus, extract of, attempt at development of agammaglobulinemia in adult rats by treatment with (Czaplicki), 817
Fibrinolysin and heparin, effect on growth potential of cancer cells in blood in simulated colon cancer, resectable and unresectable (Cliffton and Agostino), 395
(plasmin), dissolution effect on induced vascular microthrombi, evaluation of (Lee et al.), 812
Fibrinolytic activity, studies on with venous occlusion: treatment of thrombophlebitis (Cliffton et al.), 644
Filtration rate, glomerular, effect of gastric hypothermia on, in normal anesthetized dog (Orahood et al.), 656
Flow, arterial, in lower extremities, measurement with radioisotopes (Applen et al.), 315

G

Gangrene, ischemic, without major organic vascular occlusion (Hardy and Alican), 107
Gastrectomized dogs, malabsorption in, contribution of functional ablation of pyloroantral mechanism to (Jordan), 820
Gastrectomy for duodenal ulcer, duodenal closure after (Cooper), 425
partial, vascular pattern of intestinal villi in rats after (Nylander and Olerud), 955
total, reconstruction after (Chrysospathis et al.), 922
Gastric explants, mucosal replacement by free autogenous grafts (Moody et al.), 540
hemorrhage, exsanguinating, in newborn infant and observations on "ulcer problem" in children (Lalonde and Berman), 962
hypersecretion after portacaval shunt, evidence for histamine as agent responsible for (Silen and Eiseman), 213
hypothermia, physiologic effects. I. Effect on estimated hepatic blood flow in normal anesthetized dog (Wangensteen et al.), 651
II. Effect on renal blood flow, renal plasma flow, and glomerular filtration rate in normal anesthetized dog (Orahood et al.), 656

Gastric—Cont'd
operations, blind-loop syndrome after (Starzl et al.), 849
secretion, role of pancreatic and biliary juices in regulation of: pathogenesis of Mann-Williamson ulcer (Menguy and Mings), 662
secretions, pancreatic influences on (Elliott et al.), 126
Gastrointestinal bleeding, upper, simple cooling device for treatment (Holt), 728
polyposis familial, involving stomach and colon, management of (Boley et al.), 691
tract, idiopathic muscular hypertrophy of, in child (Spencer and Hudson), 678
Gastrostomy tube, temporary, 2-limb (Jascalevich), 736
Gelatin sealing to prevent blood loss from knitted arterial grafts (Bascom), 504
Glands, parathyroid, role in calcium and magnesium metabolism in acute hemorrhagic pancreatitis (Hernandez et al.), 143
salivary, major, benign tumors of (Grage et al.), 625
Glomerular filtration rate, effect of gastric hypothermia on, in normal anesthetized dog (Orahood et al.), 656
Graft replacement (aortic homograft), resection of inferior vena cava and, for retroperitoneal sarcoma (McPeak), 778
synthetic, technique of attaching to side of severely arteriosclerotic aorta (Derrick), 782
Grafting, vein, experimental, in portal venous system (Symbas et al.), 97
Grafts, arterial, knitted, blood loss from, gelatin sealing to prevent (Bascom), 504
autogenous, free, mucosal replacement of gastric explants by (Moody et al.), 540
fascial, use in experimental bladder wall defects: preliminary report on application in repair of exstrophy of bladder (DeLuca and Swenson), 404
vascular, synthetic, ultimate fate of, porosity as primary determinant (Wesolowski et al.), 91
Graphite, colloidal, coating of intravascular plastic prostheses with (Gott et al.), 382
Growth potential of cancer cells in blood in simulated colon cancer, resectable and unresectable, effect of fibrinolysin and heparin on (Cliffton and Agostino), 395

H

Healing wound in experimental diabetes (Rosen and Enquist), 525
Heart and both lungs, complete homograft replacement (Lower et al.), 842
Heart—Cont'd
conduction system of, identification by audiofrequency conductimetry (Bormes et al.), 50
conjugated, of thoracopagous twins, measurement of pulmonary venous cross-circulation through, with radioactive O^{15} (Spratt et al.), 941
interventricular septum of, removal of wire lodged in (Kleinsasser), 500
and lung complications of treatment of hydrocephalus by ventriculoauriculostomy (Emery and Hilton), 309
-lung machine, surgical treatment of mitral insufficiency and combined mitral stenosis and insufficiency with use of (Kay et al.), 67
Hemodialysis, anuria after operation for abdominal aortic aneurysm treated by, with complete recovery (Hindberg et al.), 755
Hemorrhage, gastric, exsanguinating, in newborn infant and observations on "ulcer problem" in children (Lalonde and Berman), 962
nasal, surgical treatment (Kirchner), 899
Hemorrhagic pancreatitis, acute, role of parathyroid glands in calcium and magnesium metabolism in (Hernandez et al.), 143
shock, influence of l-norepinephrine on renal blood flow, renal vascular resistance, and urine flow in (Nelson et al.), 115
tendency after massive transfusion of preserved blood (Sunada et al.), 437
Heparin and fibrinolysin, effect on growth potential of cancer cells in blood in simulated colon cancer, resectable and unresectable (Cliffton and Agostino), 395
Hepatic blood flow, estimated, in normal anesthetized dog, effect of gastric hypothermia on (Wangensteen et al.), 651
metastases, experimental studies of factors which influence. VIII. Effect of anticoagulants (Fisher and Fisher), 240
veins, gradual occlusion with internal vena caval cannula, production of ascites by (Orloff and Snyder), 789
Hernia, diaphragmatic, congenital, anomalies of lungs associated with (Sagba et al.), 547
Heterotopic osseous formation in abdominal wall scars, clinical and experimental observations on (Classen et al.), 824
Histamine as agent responsible for gastric hypersecretion after portacaval shunt, evidence for (Silen and Eiseman), 213
Historical views of ideal surgeon (Schechter and Swan), 427
Homograft, aortic, replacement, resection of inferior vena cava and, for retroperitoneal sarcoma (McPeak), 778

Homograft—Cont'd
renal, prolonged survival of, in dog treated with 6-mercaptopurine (Pierce et al.), 186
replacement, complete, of heart and both lungs (Lower et al.), 842
Homotransplant, renal, prolonged functional survival, in dog (Zukoski et al.), 926
Homotransplantation, skin, lymphatic repair after, physiologic evidence of (Weatherley-White et al.), 784
Hydrocephalus, treatment by ventriculoauriculostomy, lung and heart complications of (Emery and Hilton), 309
Hydronephrosis associated with aberrant renal vessels in infants and children (Ericsson et al.), 687
5-Hydroxytryptamine and antidiuresis after operation (Frick et al.), 447
Hypernatremia, experimental induced by extracorporeal dialysis, pathologic lesions in (Rush et al.), 359
Hypersecretion, gastric, after portacaval shunt, evidence for histamine as agent responsible for (Silen and Eiseman), 213
Hypertension, portal, unusual case, successful inferior vena cava–superior mesenteric vein shunt in (Shore and Heringman), 612
Hyperthermia and hypothermia, abdominal perfusion for cancer chemotherapy with (Shingleton et al.), 260
Hypertrophy, muscular, idiopathic, of gastrointestinal tract in child (Spencer and Hudson), 678
Hypotension, oligemic, prolonged, acute, myocardial response to (Weidner et al.), 75
Hypothermia, effect on blood ammonia formation (Welch et al.), 390
gastric, physiologic effects. I. Effect on estimated hepatic blood flow in normal anesthetized dog (Wangensteen et al.), 651
II. Effect on renal blood flow, renal plasma flow, and glomerular filtration rate in normal anesthetized dog (Orahood et al.), 656
and hyperthermia, abdominal perfusion for cancer chemotherapy with (Shingleton et al.), 260
influence on experimental bacteremia in dogs (Gowen and Friou), 919
movement of ammonia into cerebral and peripheral tissues during, relation of blood pH to (Bessman et al.), 478
profound, effects of total circulatory standstill in (Rush et al.), 40
and extracorporeal perfusion, temperature gradients associated with (Fisher et al.), 758
renal function during and immediately after (Terblanche et al.), 869
Hypothermia—Cont'd
prolonged, below 25° C. for periods over 20 hours: influence of therapy and technique on survival (Connaughton et al.), 372
regional, kidney and (Cockett), 905
use in closure of atrial septal defects in children (Mustard et al.), 301
Hypothermic perfusion, studies in (Bernhard et al.), 911

I

Ideal surgeon, historical views of (Schechter and Swan), 427
Ileal loop, isolated, as substitute in urinary tract operations, observations on (Abbott et al.), 467
Ileum, terminal, venous occlusion (Jackson), 322
Iliac artery, occlusion, paradoxical variation of femoral pulse in (Blaisdell and Gauder), 529
osteoclast: new instrument which facilitates operation for exstrophy of bladder (Oeconomopoulos), 960
Iliofemoral arteriography, percutaneous (Schobinger), 765
Incisions and dermal lesions, experimental, effective period of preventive antibiotic action in (Burke), 161
Infections, wound, experimental: contamination versus surgical technique (Condie and Ferguson), 367
Inferior vena cava–superior mesenteric vein shunt, successful, in unusual case of portal hypertension (Shore and Heringman), 612
Inhalations, pancreatic dornase, management of pulmonary complications of surgical operations (primarily atelectasis) with (Cliffton et al.), 176
Injections, intrasplenic and systemic, of sodium chloride in normal dogs and after portacaval shunt, sodium excretion after (Wolfman et al.), 231
Insufficiency, mitral, and combined mitral stenosis and insufficiency, surgical treatment with use of heart-lung machine (Kay et al.), 67
Interventricular septum of heart, removal of wire lodged in (Kleinsasser), 500
Intestinal villi, vascular pattern of, in rats after partial gastrectomy (Nylander and Olerud), 955
Intestine, small, primary tumors of (Rochlin and Longmire), 586
Intracardiac operations, denaturation of plasma proteins as cause of morbidity and death after (Lee et al.), 29
repair, open, for transposition of great vessels (Kirklin et al.), 58

Intravascular plastic prostheses, coating with colloidal graphite (Gott et al.), 382
Intravenous l-norepinephrine as cause of reduced plasma flow (Schmutzer et al.), 452
Intravisceral (topical) use of chemotherapeutic (radiomimetic) agents (Rousselot and Cole), 639
Intubation, magnetic (McCarthy et al.), 740
Irradiation, supralethal, in dogs, suspensions of spleen and bone marrow for treatment, techniques of obtaining and preparing (Longerbeam et al.), 274
Ischemic gangrene without major organic vascular occlusion (Hardy and Alican), 107
Isotope injection, splenic, percutaneous, evaluation of portal circulation by (Schwartz and Greenlaw), 833

J

Juices, pancreatic and biliary, role in regulation of gastric secretion: pathogenesis of Mann-Williamson ulcer (Menguy and Mings), 662

K

Kidney and regional hypothermia (Cockett), 905

L

"Leakage" problem, consideration of: regional perfusion of pelvis (Lawrence et al.), 248
Letheon controversy, intimate view of (Degenshein and Hurwitz), 716
Liver, canine, perfusion and replacement (Kestens and McDermott), 196
disease, blood coagulation factors in (Weaver et al.), 207
Loop, ileal, isolated, as substitute in urinary tract operations, observations on (Abbott et al.), 467
Lung, carcinosarcoma (Moore), 886
and heart complications of treatment of hydrocephalus by ventriculoauriculostomy (Emery and Hilton), 309
Lungs, anomalies, associated with congenital diaphragmatic hernia (Sabga et al.), 547
both, and heart, complete homograft replacement (Lower et al.), 842
metastatic tumors of, pulmonary resection for (Moersch and Clagett), 579
Lymphatic repair after skin homotransplantation, physiologic evidence of (Weatherley-White et al.), 784

M

Magnesium and calcium metabolism in acute hemorrhagic pancreatitis, role of parathyroid glands in (Hernandez et al.), 143
Magnetic intubation (McCarthy et al.), 740
Malabsorption in gastrectomized dogs, contribution of functional ablation of pyloroantral mechanism to (Jordan), 820
Malignancies, ovarian, and pseudomyxoma peritonei, second-look procedure in management (Santoro et al.), 354
Malignant retroperitoneal sarcomas, treatment with use of second-look approach (Griffen et al.), 458
schwannoma, metastatic, with bilateral pulmonary resection (Chang and Niguidula), 749
Mann-Williamson ulcer, pathogenesis of: role of pancreatic and biliary juices in regulation of gastric secretion (Menguy and Mings), 662
Mannitolization. I. Prevention and therapy of oliguria associated with cross-clamping of abdominal aorta (Barry et al.), 335
Mastitis, periductal, associated with reticulum-cell sarcoma in breast (Dyson), 634
Measurement of arterial flow in lower extremities with radioisotopes (Applen et al.), 315
of pulmonary venous cross-circulation through conjugated heart of thoracopagous twins with radioactive O^{15} (Spratt et al.), 941
Meeting of Society of University Surgeons, review of (Deterling), 299
Meningomyelocele, spina bifida with, bowel and bladder dysfunction in case of, surgical treatment (Devine et al.), 419
6-Mercaptopurine, dog treated with, prolonged survival of renal homograft in (Pierce et al.), 186
Metabolism, calcium and magnesium, in acute hemorrhagic pancreatitis, role of parathyroid glands in (Hernandez et al.), 143
Metastases, hepatic, experimental studies of factors which influence. VIII. Effect of anticoagulants (Fisher and Fisher), 240
Microthrombi, vascular, induced, dissolution effect of fibrinolysin (plasmin) on evaluation of (Lee et al.), 812
Mitomycin C and actinomycin D in patients with advanced cancer, evaluation (Humphrey et al.), 881
Mitral insufficiency and combined mitral stenosis and insufficiency, surgical treatment with use of heart-lung machine (Kay et al.), 67
stenosis and insufficiency, combined, and mitral insufficiency, surgical treatment with use of heart-lung machine (Kay et al.), 67
Mucosa, acid-secreting, vagus nerve, and antrum, relative importance in prevention of experimental peptic ulceration (Harrison et al.), 151

Mucosal replacement of gastric explants by free autogenous grafts (Moody et al.), 540
Muscular hypertrophy, idiopathic, of gastrointestinal tract in child (Spencer and Hudson), 678
Mycotic aneurysms, surgical management (Nabseth and Deterling), 347
Myocardial response to prolonged acute oligemic hypotension (Weidner et al.), 75

N

Nasal hemorrhage, surgical treatment (Kirchner), 899
Necrosis, renal tubular: its relation to norepinephrine administration (Chung and Šima), 328
Nerve, vagus, antrum, and acid-secreting mucosa, relative importance in prevention of experimental peptic ulceration (Harrison et al.), 151
Nitrogen mustard, tumoricidal effect, effect of increased oxygen tension on (Krementz and Knudson), 266
Norepinephrine administration, relation of renal tubular necrosis to (Chung and Šima), 328
l-Norepinephrine, influence on renal blood flow, renal vascular resistance, and urine flow in hemorrhagic shock (Nelson et al.), 115
intravenous, as cause of reduced plasma volume (Schmutzer et al.), 452

O

O^{15}, radioactive, measurement of pulmonary venous cross-circulation through conjugated heart of thoracopagous twins with (Spratt et al.), 941
Occlusion, gradual, of hepatic veins with internal vena caval cannula, production of ascites by (Orloff and Snyder), 789
of iliac artery, paradoxical variation of femoral pulse in (Blaisdell and Gauder), 529
venous, studies on fibrinolytic activity with: treatment of thrombophlebitis (Cliffton et al.), 644
of terminal ileum (Jackson), 322
Oligemic hypotension, prolonged acute, myocardial response to (Weidner et al.), 75
Oliguria associated with cross-clamping of abdominal aorta, prevention and therapy Barry et al.), 335
Osseous formation, heterotopic, in abdominal wall scars, clinical and experimental observations on (Classen et al.), 824
Osteoclast, iliac: new instrument which facilitates operation for exstrophy of bladder (Oeconomopoulos), 960
Ovarian malignancies and pseudomyxoma peritonei, second-look procedure in management (Santoro et al.), 354
Oxygen tension, increased effect on tumoricidal effect of nitrogen mustard (Krementz and Knudson), 266
Oxygenators, blood, theme and variations on. I. Bubble oxygenators (DeWall et al.), 931
bubble (DeWall et al.), 931

P

Pancreatic antibodies, occurrence, and experimental production of pancreatitis with pancreatic antiserum (Fonkalsrud and Longmire), 134
antiserum, experimental production of pancreatitis with, and occurrence of pancreatic antibodies (Fonkalsrud and Longmire), 134
and biliary juices, role in regulation of gastric secretion: pathogenesis of Mann-Williamson ulcer (Menguy and Mings), 662
dornase inhalations, management of pulmonary complications of surgical operations (primarily atelectasis) with (Cliffton et al.), 176
influences on gastric secretion (Elliott et al.), 126
pseudocyst, retrograde transductal internal drainage (Menguy and Blalock), 877
Pancreaticojejunostomy for chronic relapsing pancreatitis: an evaluation (Gillesby and Puestow), 859
"fore and aft" split, for chronic pancreatitis (Campanale and Gardner), 618
surgical treatment of chronic pancreatitis by: 8-year reappraisal (DuVal and Enquist), 965
Pancreatitis, chronic, "fore and aft" split pancreaticojejunostomy for (Campanale and Gardner), 618
relapsing, pancreaticojejunostomy for (Gillesby and Puestow), 859
surgical treatment by pancreaticojejunostomy: 8-year reappraisal (DuVal and Enquist), 965
experimental production with pancreatic antiserum, and occurrence of pancreatic antibodies (Fonkalsrud and Longmire), 134
hemorrhagic, acute, role of parathyroid glands in calcium and magnesium metabolism in (Hernandez et al.), 143
Paper electrophoresis of extracts from normal and malignant human breast tissue (Slack), 464
Parathyroid glands, role in calcium and magnesium metabolism in acute hemorrhagic pancreatitis (Hernandez et al.), 143

Pelvis, regional perfusion: consideration of "leakage" problem (Lawrence et al.), 248
Peptic ulcer, perforated, acute: evaluation of 160 consecutive patients treated by closure (Palumbo and Sharpe), 863
ulceration, experimental, prevention of, relative importance of vagus nerve, antrum, and acid-secreting mucosa in (Harrison et al.), 151
Percutaneous ileofemoral arteriography (Schobinger), 765
transhepatic approach of portal vein in man in determination of patency of splenorenal shunts (De Castro Silva et al.), 473
Perfusion, abdominal, for cancer chemotherapy with hypothermia and hyperthermia (Shingleton et al.), 260
extracorporeal, and profound hypothermia, temperature gradients associated with (Fisher et al.), 758
hypothermic, studies in (Bernhard et al.), 911
regional, of pelvis: consideration of "leakage" problem (Lawrence et al.), 248
and replacement of canine liver (Kestens and McDermott), 196
Periductal mastitis associated with reticulum-cell sarcoma in breast (Dyson), 634
Peripheral and cerebral tissues, movement of ammonia into during hypothermia, relation of blood pH to (Bessman et al.), 478
Peritoneal tap in abdominal trauma (Drapanas and McDonald), 742
pH, blood, relation to movement of ammonia into cerebral and peripheral tissues during hypothermia (Bessman et al.), 478
Plasma expanders in extracorporeal circulation, use of low molecular weight dextran and serum albumin as (Long et al.), 12
flow, renal, effect of gastric hypothermia on, in normal anesthetized dog (Orahood et al.), 656
proteins, denaturation of, as cause of morbidity and death after intracardiac operations (Lee et al.), 29
volume, reduced, intravenous l-norepinephrine as cause (Schmutzer et al.), 452
Plasmin, dissolution effect on induced vascular microthrombi, evaluation of (Lee et al.), 812
Platelet adherence, new technique for measuring, thrombogenic properties at site of vascular anastomoses studied by (Inokuchi et al.), 493
Polyposis, gastrointestinal, familial, involving stomach and colon, management of (Boley et al.), 691
Porosity: primary determinant of ultimate fate of synthetic vascular grafts (Wesolowski et al.), 91
Portacaval shunt, gastric hypersecretion after, evidence for histamine as agent responsible for (Silen and Eiseman), 213
in rat (Lee and Fisher), 668
sodium excretion after intrasplenic and systemic injections of sodium chloride after (Wolfman et al.), 231
shunts, effects on ascites produced with internal vena cava cannula (Orloff and Snyder), 220
Portal circulation, evaluation by percutaneous splenic isotope injection (Schwartz and Greenlaw), 833
hypertension, unusual case, successful inferior vena cava–superior mesenteric vein shunt in (Shore and Heringman), 612
vein in man, percutaneous transhepatic approach in determination of patency of splenorenal shunts (De Castro Silva et al.), 473
venous system, experimental vein grafting in (Symbas et al.), 97
Preservation of bone marrow, studies in (Richards and Persidsky), 288
Prostheses, plastic, intravascular coating with colloidal graphite (Gott et al.), 382
Prosthesis, arterial, of collagen-impregnated Dacron tulle (Humphries et al.), 949
Protein, plasma, denaturation of, as cause of morbidity and death after intracardiac operations (Lee et al.), 29
Pseudocyst, pancreatic, retrograde transductal internal drainage (Menguy and Blalock), 877
Pseudomyxoma peritonei, and ovarian malignancies, second-look procedure in management (Santoro et al.), 354
Pulmonary complications of surgical operations (primarily atelectasis), management with pancreatic dornase inhalations (Cliffton et al.), 176
resection, bilateral, metastatic malignant schwannoma with (Chang and Niguidula), 749
for metastatic tumors of lungs (Moersch and Clagett), 579
venous cross-circulation through conjugated heart of thoracopagous twins, measurement with radioactive O^{15} (Spratt et al.), 941
Pulse, femoral, paradoxical variation, in occlusion of iliac artery (Blaisdell and Gauder), 529
Pyelonephritis, surgically induced, studies of (Davis and Coil), 169
Pyloroantral mechanism, functional ablation, contribution of, to malabsorption in gastrectomized dogs (Jordan), 820

R

Radioactive O^{15}, measurement of pulmonary cross-circulation through conjugated heart of thoracopagous twins with (Spratt et al.), 941
Radioiodine, elective uptake by cancer of stomach (Clode et al.), 725
Radioisotopes, measurement of arterial flow in lower extremities with (Applen et al.), 315
Reflux after esophagogastric resection, procedure to prevent (Lortat-Jacob et al.), 600
Regional perfusion of pelvis: consideration of "leakage" problem (Lawrence et al.), 248
Renal blood flow, effect of gastric hypothermia on, in normal anesthetized dog (Orahood et al.), 656
renal vascular resistance, and urine flow, influence of l-norepinephrine on, in hemorrhagic shock (Nelson et al.), 115
complications of aortic clamping, investigation of (Whitley et al.), 673
function during and immediately after profound hypothermia (Terblanche et al.), 869
homograft, prolonged survival of, in dog treated with 6-mercaptopurine (Pierce et al.), 186
homotransplant, prolonged functional survival, in dog (Zukoski et al.), 926
plasma flow, effect of gastric hypothermia on, in normal anesthetized dog (Orahood et al.), 656
tubular necrosis: its relation to norepinephrine administration (Chung and Šima), 328
vascular resistance, renal blood flow, and urine flow, influence of l-norepinephrine on, in hemorrhagic shock (Nelson et al.), 115
vessels, aberrant, hydronephrosis associated with, in infants and children (Ericsson et al.), 687
Replacement, mucosal, of gastric explants by free autogenous grafts (Moody et al.), 540
Respirator, artificial, for dogs (Scheel), 544
Reticulum-cell sarcoma in breast, periductal mastitis associated with (Dyson), 634
Retrograde transductal internal drainage of pancreatic pseudocyst (Menguy and Blalock), 877
Retroperitoneal sarcoma, resection of inferior vena cava and graft replacement (aortic homograft) for (McPeak), 778
sarcomas, malignant, treatment with use of second-look approach (Griffen et al.), 458
Review of meeting of Society of University Surgeons (Deterling), 299
Risk, cancer, in ulcerative colitis: formidability per patient-year of late disease (Dennis and Karlson), 568

S

Salivary glands, major, benign tumors of (Grage et al.), 625
Sarcoma, reticulum-cell, in breast, periductal mastitis associated with (Dyson), 634
retroperitoneal, resection of inferior vena cava and graft replacement for (McPeak), 778
Sarcomas, retroperitoneal, malignant, treatment with use of second-look approach (Griffen et al.), 458
Scars, abdominal wall, heterotopic osseous formation in, clinical and experimental observations on (Classen et al.), 824
School, surgical, of Theodor Billroth (Absolon), 697
Schwannoma, malignant, metastatic, with bilateral pulmonary resection (Chang and Niguidula), 749
Sealing, gelatin, to prevent blood loss from knitted arterial grafts (Bascom), 504
Second-look approach, treatment of malignant retroperitoneal sarcomas with use of (Griffen et al.), 458
procedure in management of ovarian malignancies and pseudomyxoma peritonei (Santoro et al.), 354
Secretion, gastric, role of pancreatic and biliary juices in regulation of: pathogenesis of Mann-Williamson ulcer (Menguy and Mings), 662
Secretions, gastric, pancreatic influences on (Elliott et al.), 126
Septal defects, atrial, in children, use of hypothermia in closure (Mustard et al.), 301
Septum, interventricular, of heart, removal of wire lodged in (Kleinsasser), 500
Shock, declamping, mechanism, in operations on abdominal aorta (Strandness et al.), 488
hemorrhagic, influence of l-norepinephrine on renal blood flow, renal vascular resistance, and urine flow in (Nelson et al.), 115
Shunt, inferior vena cava–superior mesenteric vein, successful, in unusual case of portal hypertension (Shore and Heringman), 612
portacaval, gastric hypersecretion after, evidence for histamine as agent responsible for (Silen and Eiseman), 213
in rat (Lee and Fisher), 668
sodium excretion after intrasplenic and systemic injections of sodium chloride after (Wolfman et al.), 231
Shunts, portacaval, effects on ascites produced with internal vena cava cannula (Orloff and Snyder), 220
splenorenal, determination of patency of, percutaneous transhepatic approach of portal vein in man in (De Castro Silva et al.), 473

Silicone-foam diagnostic enema. I. Assessment with surgical specimens of human sigmoid colon (Cook and Margulis), 513
II. Experimental evaluation in dogs (Cook and Margulis), 519
Skin homotronsplantation, lymphatic repair after, physiologic evidence of (Weatherley-White et al.), 784
Society of University Surgeons issue, 1-300
review of meeting of (Deterling), 299
Sodium chloride, intrasplenic and systemic injections in normal dogs and after portacaval shunt, sodium excretion after (Wolfman et al.), 231
excretion after intrasplenic and systemic injections of sodium chloride in normal dogs and after portocaval shunt (Wolfman et al.), 231
Spina bifida with meningomyelocele, bowel and bladder dysfunction in case of, surgical treatment (Devine et al.), 419
Spleen and bone marrow, suspensions of, techniques of obtaining and preparing, for treatment of supralethally irradiated dogs (Longerbeam et al.), 274
Splenic isotope injection, percutaneous, evaluation of portal circulation by (Schwartz and Greenlaw), 833
Splenorenal shunts, determination of patency of, percutaneous transhepatic approach of portal vein in man in (De Castro Silva et al.), 473
Standstill, circulatory, total, effects in profound hypothermia (Rush et al.), 40
Stenosis, mitral, and insufficiency, combined, and mitral insufficiency, surgical treatment with use of heart-lung machine (Kay et al.), 67
Stomach, cancer of, elective uptake of radioiodine by (Clode et al.), 725
and colon, familial gastrointestinal polyposis involving, management of (Boley et al.), 691
Subglottic carcinoma with extensive tracheal involvement (Calem and Freund), 894
Surgeon, ideal, historical views of (Schechter and Swan), 427
Surgeons, University, Society of, issue, 1-300
review of meeting of (Deterling), 299
Surgical education, basic (Scott), 1
Synthetic vascular grafts, ultimate fate of, porosity as primary determinant (Wesolowski et al.), 91

T

Tap, peritoneal, in abdominal trauma (Drapanas and McDonald), 742
Temperature gradients associated with extracorporeal perfusion and profound hypothermia (Fisher et al.), 758
Terminal ileum, venous occlusion (Jackson), 322
Thoracopagous twins, conjugated heart of, measurement of pulmonary venous cross-circulation through, with radioactive O^{15} (Spratt et al.), 941
Thrombogenic properties at site of vascular anastomoses studied by new technique for measuring platelet adherence (Inokuchi et al.), 493
Thrombophlebitis, treatment of (Cliffton et al.), 644
Thymus, fetal, extract of, attempt at development of agammaglobulinemia in adult rats by treatment with (Czaplicki), 817
Tissue, breast, human, normal and malignant, paper electrophoresis of extracts from (Slack), 464
Tissues, cerebral and peripheral, movement of ammonia into during hypothermia, relation of blood pH to (Bessman et al.), 478
Tracheal involvement, extensive subglottic carcinoma with (Calem and Freund), 894
Transfusion, massive, of preserved blood, hemorrhagic tendency after (Sunada et al.), 437
Transhepatic approach, percutaneous, of portal vein in man in determination of patency of splenorenal shunts (De Castro Silva et al.), 473
Transposition of great vessels, new operation for (Shumacker), 773
open intracardiac repair for (Kirklin et al.), 58
Tube, gastrostomy, temporary, 2-limb (Jascalevich), 736
Tubular necrosis, renal: its relation to norepinephrine administration (Chung and Šima), 328
Tumor, Wilms', recurrent or metastatic, management of (Soper), 555
Tumoricidal effect of nitrogen mustard, effect of increased oxygen tension on (Krementz and Knudson), 266
Tumors, benign, of major salivary glands (Grage et al.), 625
metastatic, of lungs, pulmonary resection for (Moersch and Clagett), 579
primary, of small intestine (Rochlin and Longmire), 586
Twins, thoracopagous, conjugated heart of, measurement of pulmonary venous cross-circulation through, with radioactive O^{15} (Spratt et al.), 941

U

Ulcer, duodenal, gastrectomy for, duodenal closure after (Cooper), 425
Mann-Williamson, pathogenesis of: role of pancreatic and biliary juices in regulation of gastric secretion (Menguy and Mings), 662
peptic, perforated, acute: evaluation of 160 consecutive patients treated by closure (Palumbo and Sharpe), 863
problem in children, observations on exsanguinating gastric hemorrhage in newborn infant and (Lalonde and Berman), 962
Ulceration, peptic, experimental, prevention of, relative importance of vagus nerve, antrum, and acid-secreting mucosa in (Harrison et al.), 151
Ulcerative colitis, cancer risk in: formidability per patient-year of late disease (Dennis and Karlson), 568
University Surgeons, Society of, issue, 1-300
review of meeting of (Deterling), 299
Urinary tract operations, isolated ileal loop as substitute in, observations on (Abbott et al.), 467
Urine flow, renal blood flow, and renal vascular resistance, influence of l-norepinephrine on, in hemorrhagic shock (Nelson et al.), 115

V

Vagus nerve, antrum, and acid-secreting mucosa, relative importance in prevention of experimental peptic ulceration (Harrison et al.), 151
Variation, paradoxical, of femoral pulse in occlusion of iliac artery (Blaisdell and Gauder), 529
Vascular anastomoses, thrombogenic properties at site of, studied by new technique for measuring platelet adherence (Inokuchi et al.), 493
grafts, synthetic, ultimate fate of, porosity as primary determinant (Wesolowski et al.), 91
pattern of intestinal villi in rats after partial gastrectomy (Nylander and Olerud), 955
resistance, renal, influence of l-norepinephrine on, in hemorrhagic shock (Nelson et al.), 115
Vein grafting, experimental, in portal venous system (Symbas et al.), 97
portal, in man, percutaneous transhepatic approach in determination of patency of splenorenal shunts (De Castro Silva et al.), 473
Veins, hepatic, gradual occlusion with internal vena caval cannula, production of ascites by (Orloff and Snyder), 789
Vena cava cannula, internal, ascites produced with, effects of portacaval shunts on (Orloff and Snyder), 220
inferior, resection, and graft replacement (aortic homograft) for retroperitoneal sarcoma (McPeak), 778
Venous cannula for use in experimental animals (Pace), 402
occlusion, studies on fibrinolytic activity with: treatment of thrombophlebitis (Cliffton et al.), 644
of terminal ileum (Jackson), 322
system, portal, experimental vein grafting in (Symbas et al.), 97
Ventriculoauriculostomy, treatment of hydrocephalus by, lung and heart complications of (Emery and Hilton), 309
Vesalius, Andreas, surgeon (Schechter and Swan), 970
Vesicoileosigmoidostomy in treatment of exstrophy of bladder (Hays and Powell), 411
Vessels, great, transposition, new operation for (Shumacker), 773
open intracardiac repair for (Kirklin et al.), 58
renal, aberrant, hydronephrosis associated with, in infants and children (Ericsson et al.), 687
Villi, intestinal, vascular pattern of, in rats after partial gastrectomy (Nylander and Olerud), 955

W

Wilms' tumor, recurrent or metastatic, management of (Soper), 555
Wire lodged in interventricular septum of heart, removal (Kleinsasser), 500
Wound, healing, in experimental diabetes (Rosen and Enquist), 525
infections, experimental: contamination versus surgical technique (Condie and Ferguson), 367